Date: Mon,  2 May 94 09:09:14 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #480
To: Info-Hams

Info-Hams Digest            Mon,  2 May 94       Volume 94 : Issue  480

Today's Topics:
                      Czech Republic - 3 Party?
                     Luck Hurder ... gone:( Why?
                      Mobile Antenna Experience
Periodic Announcement - ARRL Email Information Server (info@arrl.org)
       Weekly Solar Terrestrial Forecast & Review for 29 April

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party.  Your mileage may vary.  So there.
------------------------------------------------------------------------

Date: 29 Apr 94 12:58:15 GMT
From: lerc.nasa.gov!kira.cc.uakron.edu!malgudi.oar.net!witch!doghouse!
jsalemi@purdue.edu
Subject: Czech Republic - 3 Party?
To: info-hams@ucsd.edu

In article <30490.71.uupcb@uttsbbs.ness.com>, Ted Armstrong
(ted.armstrong@uttsbbs.ness.com) writes:
>Does the Czech Republic allow third party traffic? I have a friend
>currently living in Ceske Budejovice, Czech Republic and
>wonder if I could contact her through a ham in the Czech Republic.
>I am a licensed ham operator.
>Ted KA6LCL

Sorry, but the answer is no -- not at this time.

---joe

----------
Joe Salemi, KR4CZ               Internet:   jsalemi@doghouse.win.net
Compuserve: 72631,23             FidoNet:   1:109/136
703-548-0928                    MCI Mail:   433-3961

------------------------------

Date: 2 May 1994 15:00:02 GMT
From: ihnp4.ucsd.edu!usc!math.ohio-state.edu!news.acns.nwu.edu!
usenet@network.ucsd.edu
Subject: Luck Hurder ... gone:( Why?
To: info-hams@ucsd.edu

In article <2q1j1q$i5a@nntpd.lkg.dec.com> little@iamu.chi.dec.com (Todd Little)
writes:
>
>In article <Js1NLc1w165w@voxbox.norden1.com>, jgrubs@voxbox.norden1.com (Jim
Grubs, W8GRT) writes:
>|>
>|>Basically, the BoD made a new rule that field appointees had to
>|>send their superiors a copy of all League related
>|>correspondence. Luck leaked the news to the peons before the
>|>patrones were ready.
>|>
>
>Well that certainly sounds like a felony to me.  You mean they only fired
>him over such treasonous action?  I would have thought that death by injection
>or slow torture would have been more appropriate.  :-(
>
>Superiors?  Blech!  Maybe there really *is* a reason I'm in RACES and not ARES.

Well, a bunch of us talked with Wilson, the OYI dude, in Dayton while he was
guarding the ARRL booth at the Hamvention.  He said that the BoD had nothing
to do with it and that it was a League personnel matter.  He cited privacy
laws and fairness to Luck as reasons for lack of openness about the matter.
Seems fair to me.

Regards,
Rajiv
aa9ch

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Date: 2 May 1994 14:53:28 GMT
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!math.ohio-state.edu!news.acns.nwu.edu!
usenet@network.ucsd.edu

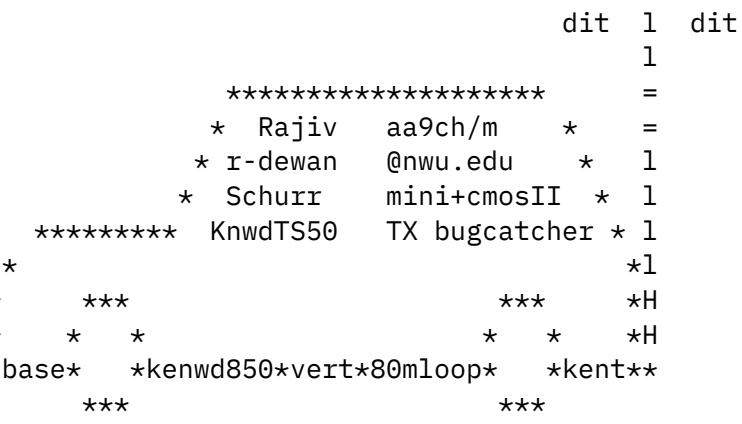
Subject: Mobile Antenna Experience
To: info-hams@ucsd.edu

In article <2ptl17$kt4@hebron.connected.com> jfreedmn@hebron.connected.com
(Jeffrey A. Freedman) writes:
>Has anyone had any experience (either positive or negative) with
>the OUTBACKER MOBILE ANTENNA?  I am considering installing an HF
>rig in my Taurus along with an all-band mobile antenna.
>
>Your comments and suggestions about this antenna or any other
>easily-installed, low-profile all-bander would be appreciated.
>Please include the type of mount you are using.  I am looking
>for a non-permanent mount which will not scratch the car.

The outbacker has a low profile and very popular amongst many hams.
However, let me recommend the Texas Bugcatcher ( the regular from
GLA Systems or the mini from Texas Radio ) to you.  I used a bugcatcher
with a TS50 running 10w and worked UA1, LZ, PY, VP5, ES, G and
some more while driving to Dayton this last weekend.  A while ago
some one had posted a comparison of a bunch of mobile antennas which
rated them based on field strength measurements.  The outbacker was
dead last and the bugcatcher first - with a factor of 50 or so. That is
17db!

However, I am sure that you can work a bunch of stations with the outbacker
and it sure looks a lot more slicker.

Regards,
Rajiv

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Date: Mon, 2 May 1994 08:38:55 -0600
From: ihnp4.ucsd.edu!galaxy.ucr.edu!library.ucla.edu!psgrain!nntp.cs.ubc.ca!
alberta!ve6mgs!usenet@network.ucsd.edu
Subject: Periodic Announcement - ARRL Email Information Server (info@arrl.org)

To: info-hams@ucsd.edu

Periodic Announcement - ARRL Email Information Server (info@arrl.org)

The services that the ARRL provides via the internet include the
Email Information Server and the Technical Information Service.
The Information Server is an automated mail server that gives you
access to many of information files relating to various facets of
Amateur Radio.  You can retrieve any or all of these files by
sending an email message to info@arrl.org here at ARRL HQ.
Each file you request is then mailed to you automatically.

To use it, mail messages to:

   info@arrl.org

Each line of the message body should contain a command as shown below.
The subject of your message is not processed and may be omitted.  You
may place as many commands in a message as you want.  The files you
request will be sent to you in separate messages.  Only ASCII text
files are supported.

Valid INFO commands:

reply <address>  (may be needed - see below for explanation)
help
index
send FILENAME   (example: send prospect.txt)
quit

In the above message example, "help" retrieves a brief set of
instructions for info, "index" retrieves a list of available files
and "send prospect.txt" retrieves a text file containing information
on becoming a radio amateur.

Note to users with FTP capability:  All of these files are also
available by anonymous ftp to oak.oakland.edu in the
pub/hamradio/arrl/infoserver area.  Retrieve the file index.txt
in the /league sub-directory for a complete listing of available
files.

If you want to retrieve several text files with one message, use a
separate line for each "send filename" request.

Your From: field or Reply-to: field in your header should contain a
valid Internet address, including full domain name.  If your From:
field does not contain a valid Internet address, the answer will not
reach you.  If this is the case, then use the reply command as shown

above.  When needed, this command should always be the first command
in your message.

IMPORTANT: Please use the quit command in your message.  This will
           prevent processing errors from message signatures.

PLEASE NOTE!:  This is an automated system not capable of handling
written requests.  Any questions on the info-server or the content
of any of its files should be directed to mtracy@arrl.org.

ALSO NOTE!: Do *NOT* reply to messages sent from info@arrl.org - the
reply address is redirected to keep bounced messages from endlessly
looping.  Write a new message to info@arrl.org instead.

The Technical Information Service gives League members on the
internet better access to the knowledgeable technical staff here
at ARRL HQ.  Questions relating to Amateur Radio and related
technical topics are welcome.  To use this service, send a normal
e-mail message to tis@arrl.org with your question spelled out in
plain english.  For best service, be as specific as possible and
keep your line length in messages to a maximum of 80 characters.
Due to personnel limitations, priority will be given to questions
from League members.

Best Regards,

Michael Tracy, KC1SX, ARRL Technical Information Services Coordinator
(e-mail mtracy@arrl.org)


Sample of files available from INFO: (There are lots more!)

Note - If you are not yet an Amateur Radio operator retrieve the
file prospect (send prospect) for information on how to easily get
started in this fun hobby.

| FILENAME | SIZE | DATE | DESCRIPTION |
|---|---|---|---|
| PROSPECT.TXT | 2k | 930514 | How to get your Amateur Radio license |
| EXAMS.TXT | 52k | 930629 | Current exam schedule info - updated bi-weekly |
| EXAMINFO.TXT | 9k | 921020 | Examinations - what to bring - requirements |
| USERS.TXT | 6k | 930119 | List of HQ Email addresses |
| ARRLCAT.TXT | 39k | 930709 | Catalog of ARRL Publications - commercial content |
| JOIN.TXT | 2k | 930621 | How become an ARRL member |
| SERVICES.TXT | 5k | 930621 | A condensed list of ARRL membership services |
| TOUR.TXT | 28k | 930621 | An electronic tour of ARRL Headquarters |
| DIR.HQ | 5k | 930310 | Visiting ARRL HQ - diretions and tour information |
| HFBANDS | 7k | 921203 | Breakdown of users of HF spectrum |

```
Q-SIGS             1k 921203 ARRL list of Amateur Radio Q-signals
W1AW.SKD           2k 930120 W1AW schedule of transmissions and operation
PRODREV1.TXT      12k 930227 Which rig is best? Part 1 - QST Lab Notes
PRODREV2.TXT      22k 930227 Which rig is best? Part 2 - QST Lab Notes
!LIST.TXT          6k 931120 QST Bibliographies List
RFIGEN.TXT        37k 930120 How to solve an EMI/RFI problem - QST Lab Notes
RFISOURC.TXT      13k 930607 Where to buy filters - EMI-proof telephones etc.
ADDRESS.TXT       16k 930318 Lots and lots of ham/electonic company addresses
KITS.TXT           6k 930430 List of companies that sell kits
BBS.TXT           12k 930601 List of ham-radio land-line bulletin boards
FAQ1.TXT          25k 930707 Introduction to the FAQ and Amateur Radio
FAQ2.TXT          45k 930707 Amateur Radio Orgs, Services and Info Sources
FAQ3.TXT          32k 930707 Amateur Radio Advanced and Technical Questions
```


American Radio Relay League, Inc.  Tel: 1-203-666-1541
225 Main Street                    Fax: 1-203-665-7531
Newington, CT 06111                Email: mtracy@arrl.org


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Date: 29 Apr 94 07:49:26 GMT
From: agate!howland.reston.ans.net!math.ohio-state.edu!cyber2.cyberstore.ca!nntp.cs.ubc.ca!alberta!ve6mgs!usenet@ucbvax.berkeley.edu
Subject: Weekly Solar Terrestrial Forecast & Review for 29 April
To: info-hams@ucsd.edu

## --- SOLAR TERRESTRIAL FORECAST AND REVIEW ---

April 29 to May 08, 1994


Report Released by Solar Terrestrial Dispatch
P.O. Box 357, Stirling, Alberta, Canada
T0K 2E0
Accessible BBS System: (403) 756-3008
SKYCOM Announcement: (403) 756-2386


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## SOLAR AND GEOPHYSICAL ACTIVITY FORECASTS AT A GLANCE

| | 10.7 cm | HF Propagation | | | | | | +/- | CON | SID | | | | AU.BKSR | | | DX | Mag | Aurora | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | SolrFlx | LO | MI | HI | PO | SWF | %MUF | % | | ENH | LO | MI | HI | LO | MI | HI | % | K Ap | LO | MI | HI |
| 29 | 077 | G | G | F | F | 10 | -05 | 70 | | 10 | NA | NA | NA | 01 | 10 | 15 | 40 | 4 24 | NV | NV | MO |
| 30 | 077 | G | F | VP | VP | 10 | -30 | 65 | | 10 | NA | NA | NA | 05 | 20 | 25 | 35 | 6 45 | LO | MO | HI |
| 01 | 075 | F | P | EP | EP | 10 | -45 | 65 | | 10 | NA | NA | NA | 15 | 50 | 50 | 20 | 7 65 | LO | MO | HI |

```
02|  075  | F  P EP EP  10 -45  65| 10 NA NA NA  15 50 50 20|6 55|LO MO HI|
03|  075  | G  P EP EP  10 -45  65| 10 NA NA NA  10 40 45 25|6 45|LO MO HI|
04|  078  | G  P EP EP  10 -40  65| 10 NA NA NA  07 35 40 25|6 40|LO MO HI|
05|  078  | G  F EP EP  10 -40  65| 10 NA NA NA  05 30 40 25|5 35|NV MO MO|
06|  078  | G  F VP VP  10 -40  65| 10 NA NA NA  05 25 35 25|5 35|NV MO MO|
07|  080  | G  F  P  P  10 -35  65| 10 NA NA NA  03 20 30 25|5 30|NV MO MO|
08|  080  | G  F  P  P  10 -30  65| 10 NA NA NA  03 15 25 30|5 30|NV LO MO|
```

PEAK PLANETARY 10-DAY GEOMAGNETIC ACTIVITY OUTLOOK (29 APR - 08 MAY)

```
 ____________________________________________________________________
|  EXTREMELY SEVERE |   |   |   |   |   |   |   |   |   | HIGH       |
| VERY SEVERE STORM |   |   |   |   |   |   |   |   |   | HIGH       |
|      SEVERE STORM |   |   |*  |   |   |   |   |   |   | MODERATE   |
|       MAJOR STORM |   | * |** |** | * | * |   |   |   | LOW - MOD. |
|       MINOR STORM |   |***|***|***|***|***|***|** | * | * | LOW        |
|       VERY ACTIVE |  *|***|***|***|***|***|***|***|***|***| NONE       |
|            ACTIVE | **|***|***|***|***|***|***|***|***|***| NONE       |
|         UNSETTLED |***|***|***|***|***|***|***|***|***|***| NONE       |
|             QUIET |***|***|***|***|***|***|***|***|***|***| NONE       |
|        VERY QUIET |***|***|***|***|***|***|***|***|***|***| NONE       |
|-------------------|---|---|---|---|---|---|---|---|---|---|------------|
| Geomagnetic Field |Fri|Sat|Sun|Mon|Tue|Wed|Thu|Fri|Sat|Sun|  Anomaly   |
|    Conditions     |     Given in 8-hour UT intervals      | Intensity  |
|___________________|_______________________________________|____________|
```

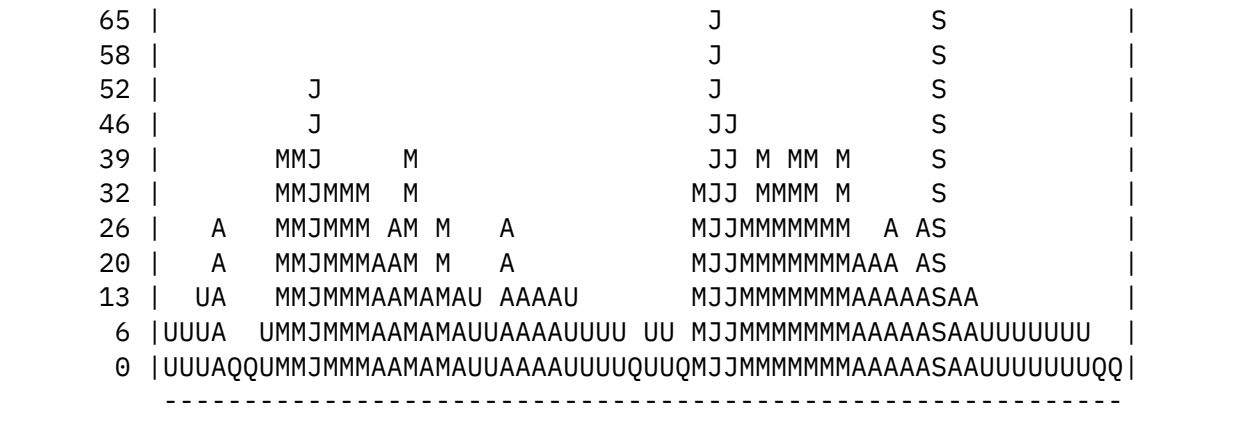
CONFIDENCE LEVEL: 65%

NOTES:

Predicted geomagnetic activity is based heavily on recurrent phenomena. Transient energetic solar events cannot be predicted reliably over periods in excess of several days. Hence, there may be some deviations from the predictions due to the unpredictable transient solar component.

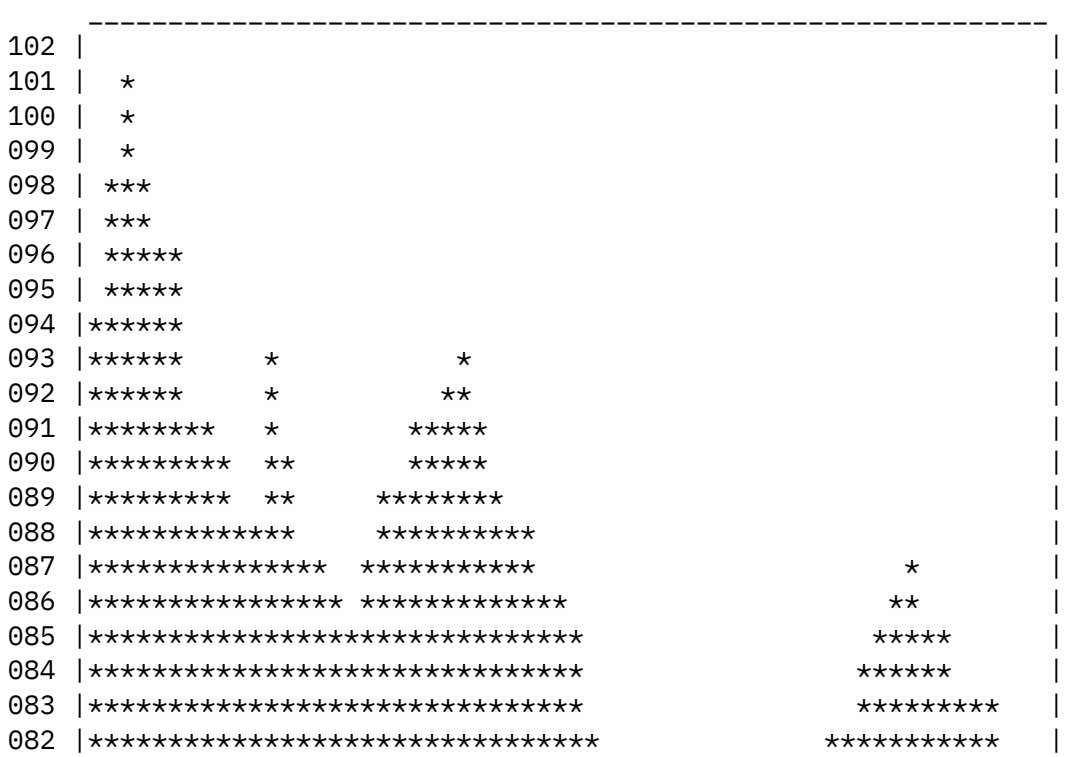
60-DAY GRAPHICAL ANALYSIS OF GEOMAGNETIC ACTIVITY

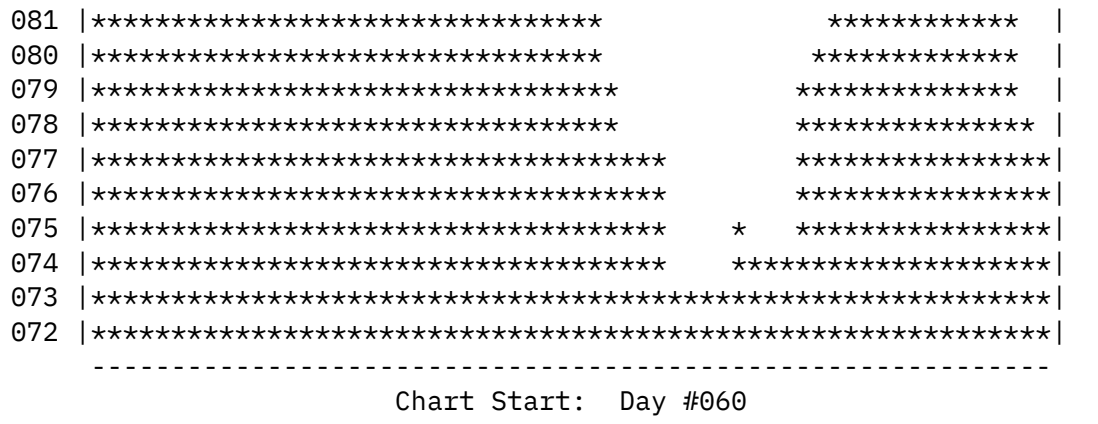
```
     ____________________________________________________
 130 |                                          S         |
 124 |                                          S         |
 117 |                                          S         |
 110 |                                          S         |
 104 |                                          S         |
  98 |                                          S         |
  91 |                                          S         |
  84 |                                          S         |
  78 |                                          S         |
  72 |                             J            S         |
```



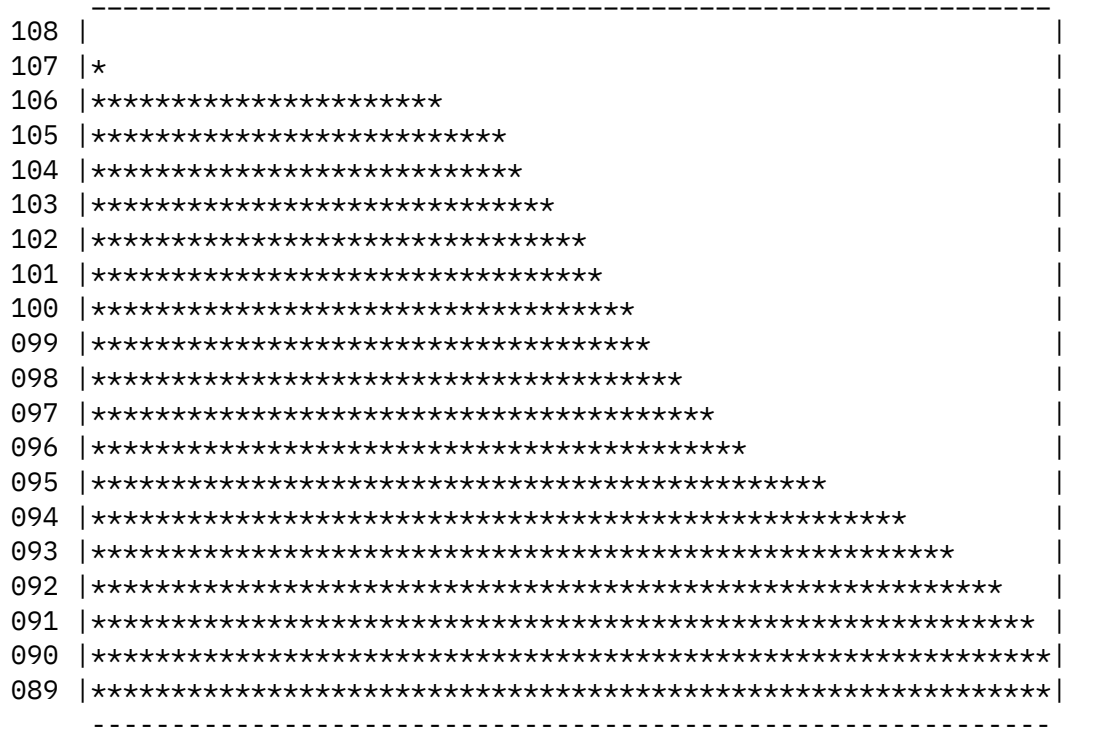

NOTES:
This graph is determined by plotting the greater of either the planetary A-index or the Boulder A-index. Graph lines are labelled according to the severity of the activity which occurred on each day. The left-hand column represents the associated A-Index for that day.
Q = Quiet, U = Unsettled, A = Active, M = Minor Storm,
J = Major Storm, and S = Severe Storm.

CUMULATIVE GRAPHICAL CHART OF THE 10.7 CM SOLAR RADIO FLUX






GRAPHICAL ANALYSIS OF 90-DAY AVERAGE SOLAR FLUX




NOTES:

The 10.7 cm solar radio flux is plotted from data reported by the Penticton Radio Observatory (formerly the ARO from Ottawa). High solar flux levels denote higher levels of activity and a greater number of sunspot groups on the Sun. The 90-day mean solar flux graph is charted from the 90-day mean of the 10.7 cm solar radio flux.

CUMULATIVE GRAPHICAL CHART OF SUNSPOT NUMBERS

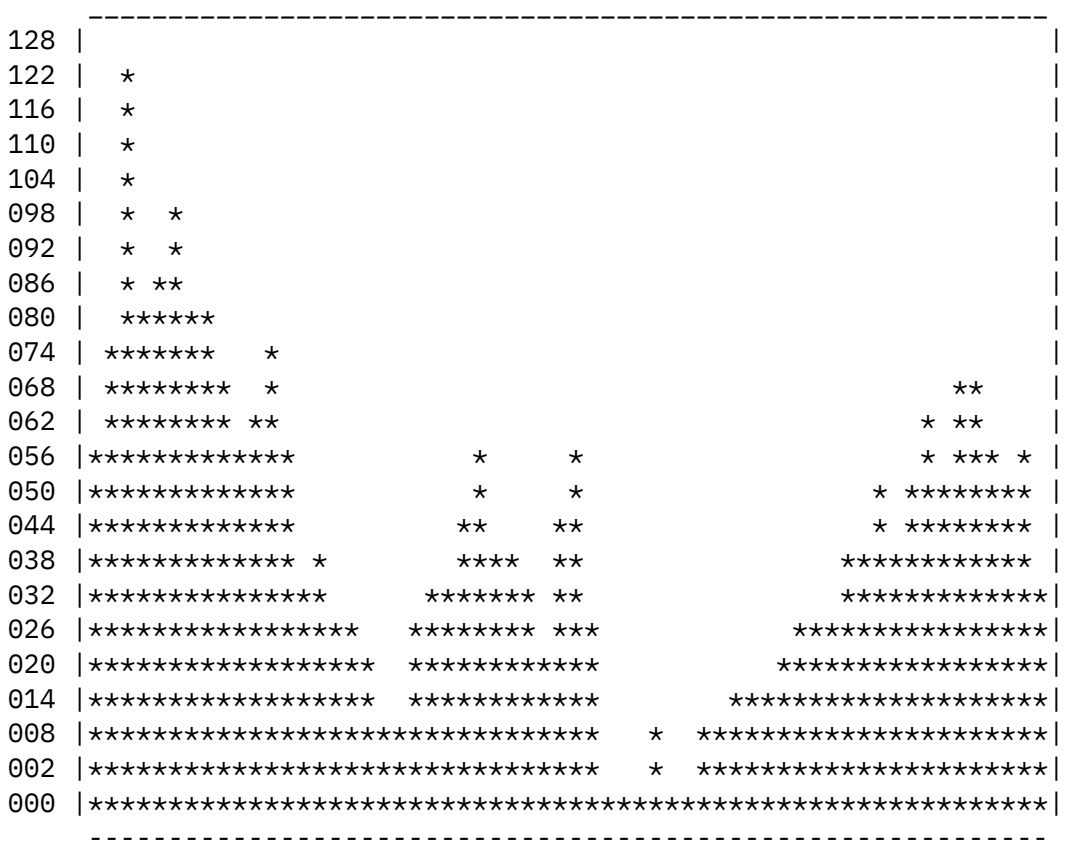
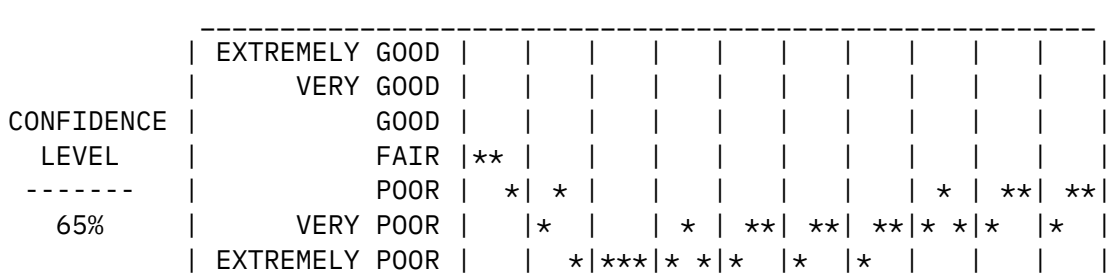


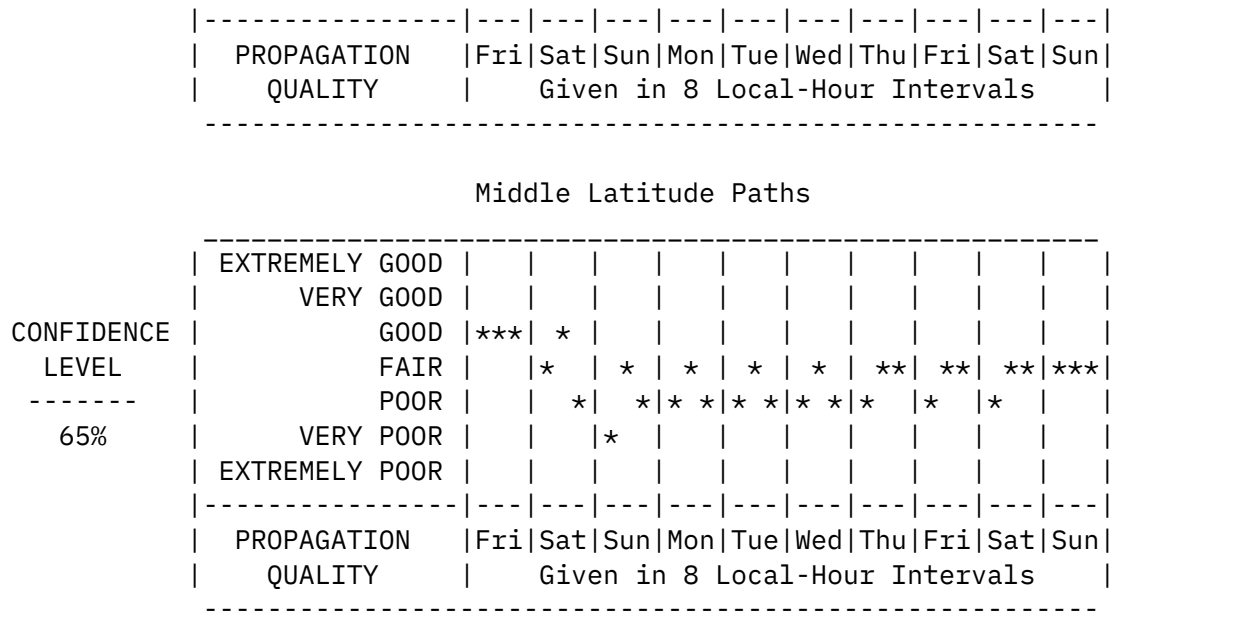

Chart Start: Day #060

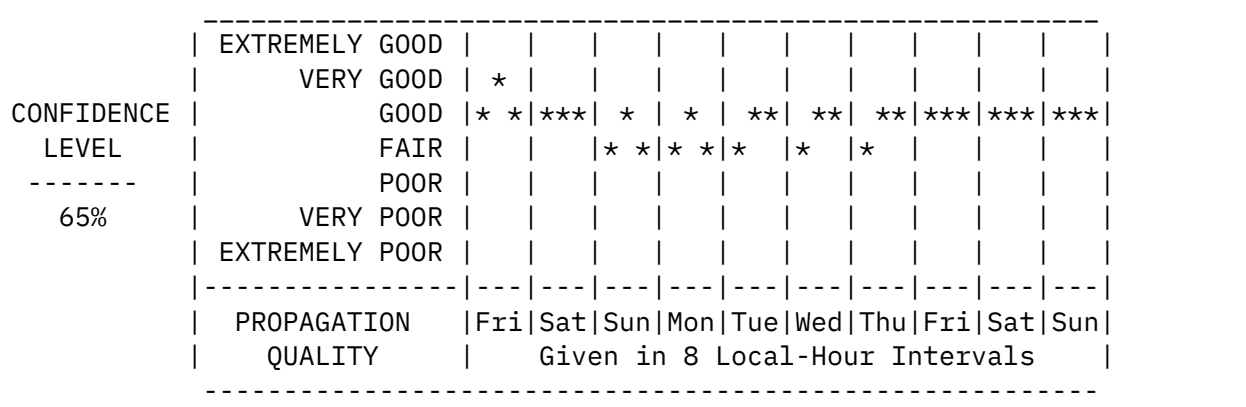
NOTES:
The graphical chart of sunspot numbers is created from the daily sunspot number counts as reported by the SESC.

HF RADIO SIGNAL PROPAGATION PREDICTIONS (29 APR - 08 MAY)

High Latitude Paths





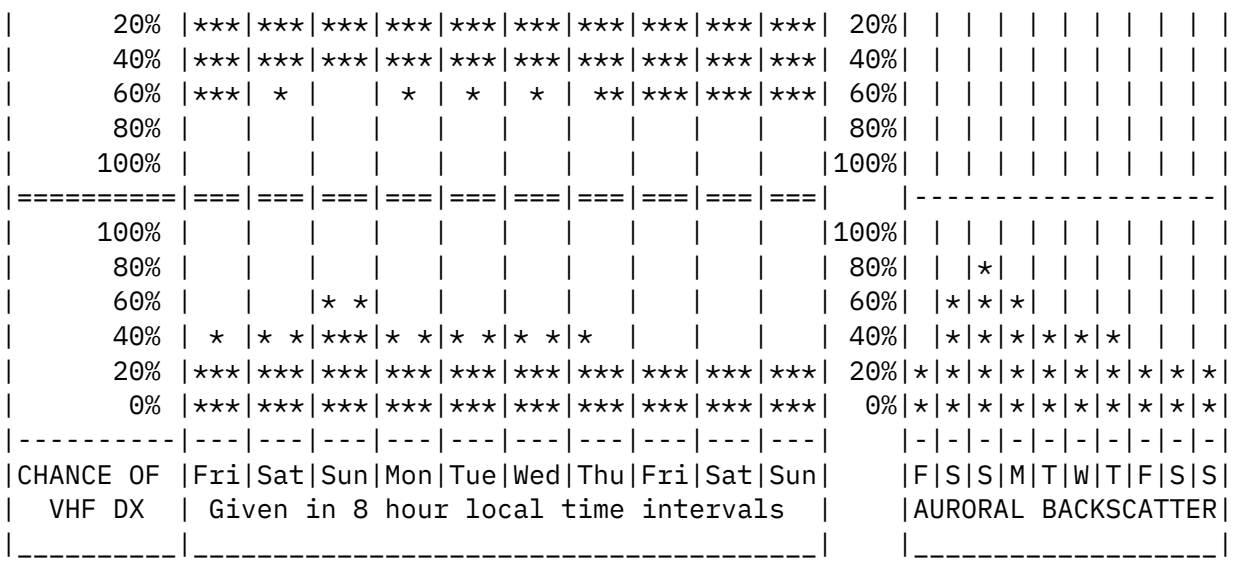

NOTES:

| NORTHERN HEMISPHERE | | SOUTHERN HEMISPHERE | |
|---|---|---|---|
| High latitudes | >= 55 deg. N. | High latitudes | >= 55 deg. S. |
| Middle latitudes | >= 40 < 55 deg. N. | Middle latitudes | >= 30 < 55 deg. S. |
| Low latitudes | < 40 deg. N. | Low latitudes | < 30 deg. S. |

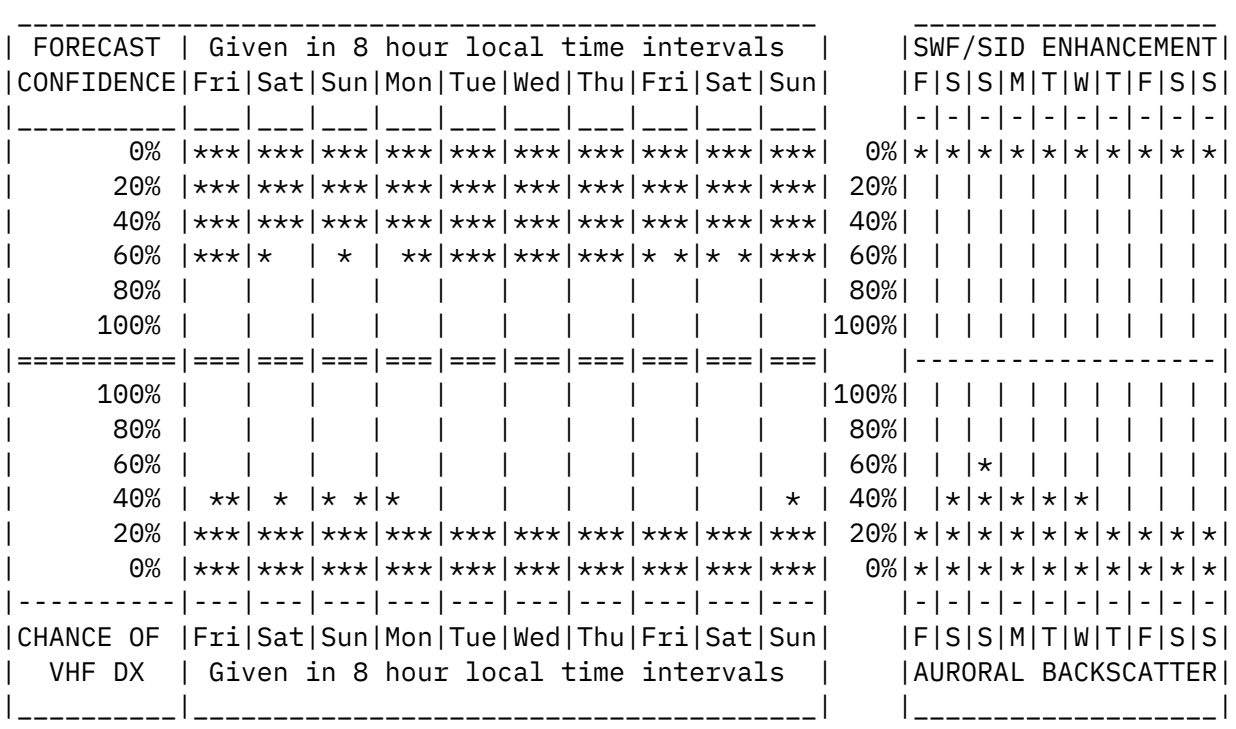
POTENTIAL VHF DX PROPAGATION PREDICTIONS (29 APR - 08 MAY)
INCLUDES SID AND AURORAL BACKSCATTER ENHANCEMENT PREDICTIONS

HIGH LATITUDES

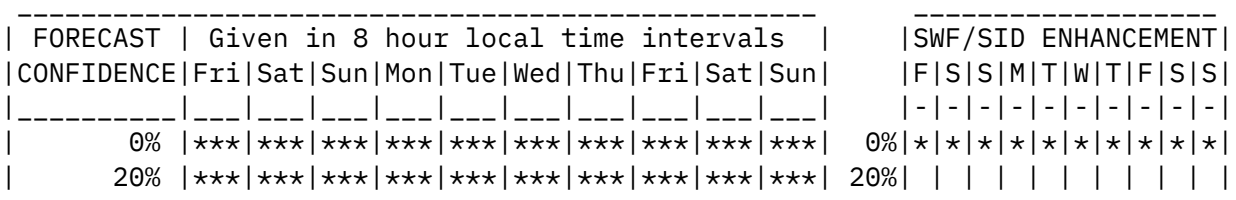
| FORECAST CONFIDENCE | Given in 8 hour local time intervals: Fri | Sat | Sun | Mon | Tue | Wed | Thu | Fri | Sat | Sun | SWF/SID ENHANCEMENT: F | S | S | M | T | W | T | F | S | S |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0% | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | 0% | * | * | * | * | * | * | * | * | * |

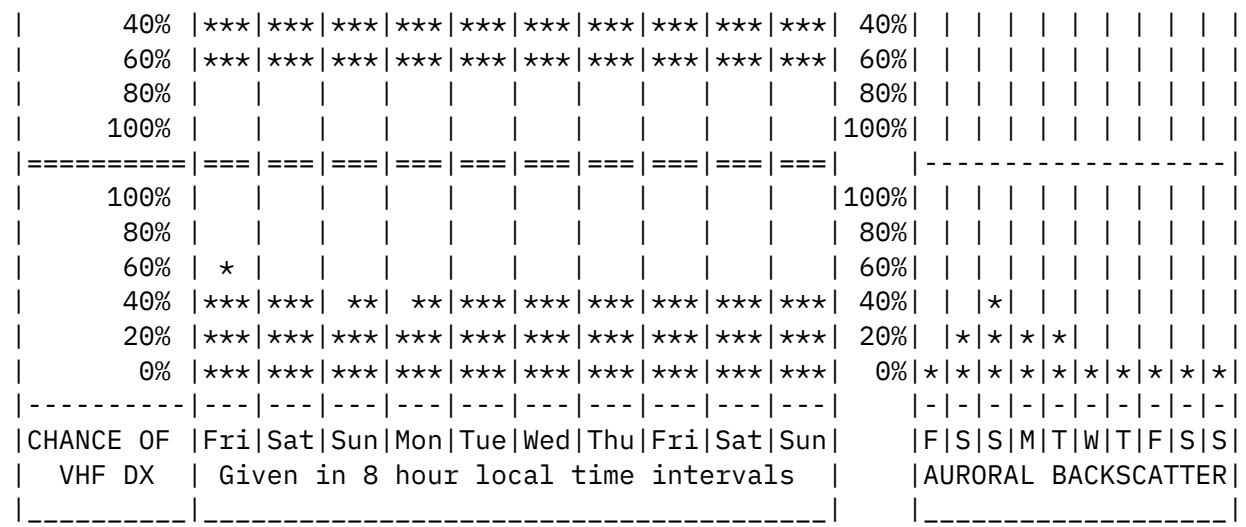



MIDDLE LATITUDES




LOW LATITUDES

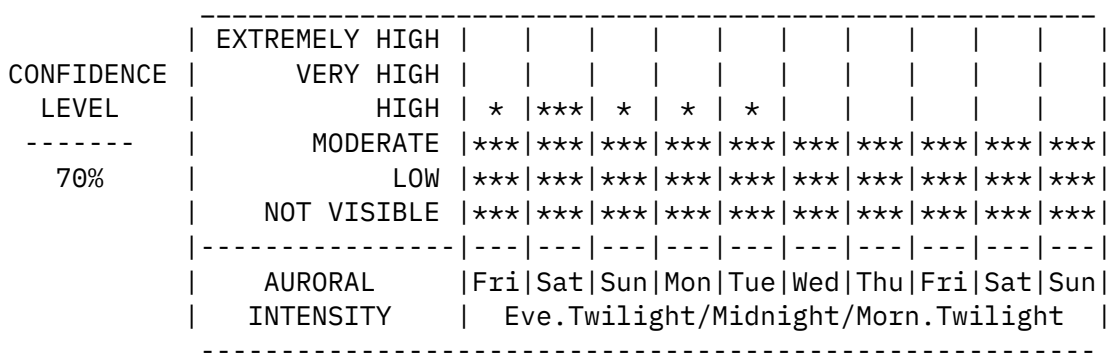




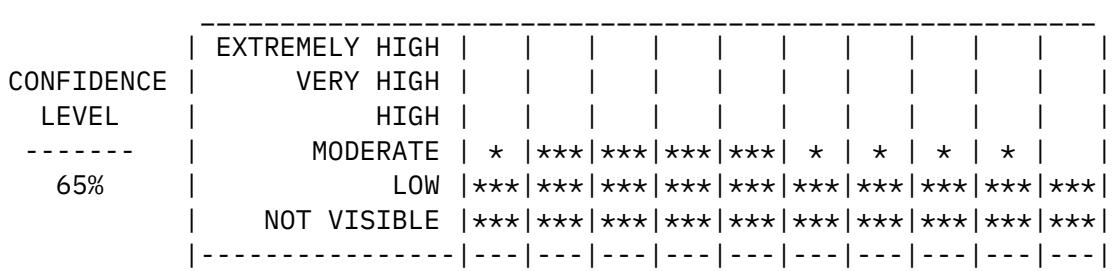

NOTES:
These VHF DX prediction charts are defined for the 30 MHz to 220 MHz bands. They are based primarily on phenomena which can affect VHF DX propagation globally. They should be used only as a guide to potential DX conditions on VHF bands. Latitudinal boundaries are the same as those for the HF predictions charts.

AURORAL ACTIVITY PREDICTIONS (29 APR - 08 MAY)

High Latitude Locations




Middle Latitude Locations



```
           |    AURORAL     |Fri|Sat|Sun|Mon|Tue|Wed|Thu|Fri|Sat|Sun|
           |   INTENSITY    |  Eve.Twilight/Midnight/Morn.Twilight  |
            -------------------------------------------------------

                          Low Latitude Locations

            ___________________________________________________________
           | EXTREMELY HIGH |   |   |   |   |   |   |   |   |   |   |
CONFIDENCE |      VERY HIGH |   |   |   |   |   |   |   |   |   |   |
  LEVEL    |           HIGH |   |   |   |   |   |   |   |   |   |   |
 -------   |       MODERATE |   |   |   |   |   |   |   |   |   |   |
   65%     |            LOW | * | * | * | * | * |   |   |   |   |   |
           |    NOT VISIBLE |***|***|***|***|***|***|***|***|***|***|
           |----------------|---|---|---|---|---|---|---|---|---|---|
           |    AURORAL     |Fri|Sat|Sun|Mon|Tue|Wed|Thu|Fri|Sat|Sun|
           |   INTENSITY    |  Eve.Twilight/Midnight/Morn.Twilight  |
            -------------------------------------------------------
```

NOTE:

Version 2.00b of our Professional Dynamic Auroral Oval Simulation Software Package is now available. This professional software is particularly valuable to radio communicators, aurora photographers, educators, and astronomers. For more information regarding this software, contact: "Oler@Rho.Uleth.CA", or "COler@Solar.Stanford.Edu".

For more information regarding these charts, send a request for the document, "Understanding Solar Terrestrial Reports" to: "Oler@Rho.Uleth.Ca" or to: "COler@Solar.Stanford.Edu". This document, as well as others and related data/forecasts exist on the STD BBS at: (403) 756-3008.

** End of Report **

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End of Info-Hams Digest V94 #480
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